

Notice of Allowability

Application No.

10/626,024

Examiner

Mariceli Santiago

Applicant(s)

TSUTSUI, TETSUO

Art Unit

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed September 14, 2006.
2. ☒ The allowed claim(s) is/are 31-63.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 9/14/2006
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on September 14, 2006 has been entered.

Claims 31-63 are pending in the instant application.

Allowable Subject Matter

Claims 31-63 are allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

Regarding claim 31, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 31, and specifically comprising the limitation of conductive particles are dispersed in the electroluminescent layer, and wherein the conductive particles are covered with an organic compound.

Regarding claims 32-38, claims 32-38 are allowable for the reasons given in claim 31 because of their dependency status from claim 31.

Regarding claim 39, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 39, and specifically comprising the limitation of semiconductor particles are dispersed in the electroluminescent layer, and wherein the semiconductor particles are covered with an organic compound.

Regarding claims 40-44, claims 40-44 are allowable for the reasons given in claim 39 because of their dependency status from claim 39.

Regarding claim 45, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 45, and specifically comprising the limitation of conductive particles are dispersed in the electroluminescent layer, and wherein the conductive particles are covered with an organic compound.

Regarding claims 46-52, claims 46-52 are allowable for the reasons given in claim 45 because of their dependency status from claim 45.

Regarding claim 53, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 53, and specifically comprising the limitation of semiconductor particles are dispersed in the electroluminescent layer, and wherein the semiconductor particles are covered with an organic compound.

Regarding claims 54-58, claims 54-58 are allowable for the reasons given in claim 53 because of their dependency status from claim 53.

Regarding claim 59, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 59, and specifically comprising the limitation of an electroluminescent layer between the first electrode and the second electrode, wherein the electroluminescent layer emits light by an application of a voltage, wherein ITO (indium tin oxide) particles are dispersed in the electroluminescent layer.

Regarding claims 60-63, claims 60-63 are allowable for the reasons given in claim 59 because of their dependency status from claim 59.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the

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issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mariceli Santiago whose telephone number is (571) 272-2464. The examiner can normally be reached on Monday-Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel, can be reached on (571) 272-2457. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Mariceli Santiago
Primary Examiner
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